



FEMP Digest is distributed one to two times a month to provide the federal energy management community with information about upcoming trainings; new publications and tools; and agency progress and achievements toward federal energy, water, and fleet management goals.

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December 19, 2022

## FEMP Digest

The FEMP Digest provides a roundup of the latest Federal Energy Management Program (FEMP) news, resources, trainings, and more.

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## FEMP Issues 2022 AFFECT Federal Agency Call

On December 2, the U.S Department of Energy's (DOE) Federal Energy Management Program (FEMP) issued a \$13 million solicitation for new energy projects that will help federal facilities improve the efficiency of their operations and reduce their carbon footprint. Through this Federal Agency Call (FAC), entitled, "Assisting Federal Facilities with Energy Conservation Technologies (AFFECT)," DOE will help ensure that the federal government is leading by example in the effort to achieve the Biden Administration's goal of a 100% clean-energy economy and net-zero emissions by 2050.

The AFFECT 2022 Appropriations FAC will fund projects addressing clean energy supply; load management; storage and resilience; energy efficiency; and mitigation and/or adaptation to effects of climate change. The FAC responds to current priorities and conditions by seeking projects in the categories of Projects Under Development Facing Reductions in Scope Due to Adverse Changes in Fiscal/Economic Conditions, and Load Management projects.

As indicated in the AFFECT 2022 Appropriations FAC's timetable, FEMP held an informational webinar on December 15, 2022. [The recorded webinar and slides will be](#)

[shared on the EERE Exchange.](#)

To apply to the AFFECT 2022 Appropriations FAC, applicants are limited to federal government agencies. Applicants must register and submit application materials through EERE Exchange. The application deadline is **February 28, 2023, at 5 p.m. ET**. Questions regarding this FAC can be sent to [AFFECT2022Approp@ee.doe.gov](mailto:AFFECT2022Approp@ee.doe.gov). All questions and answers related to this FAC will be posted on [EERE Exchange](#).

In 2023, DOE intends to provide additional opportunities through a subsequent FAC funded under the Bipartisan Infrastructure Law (BIL). Federal agencies may submit applications under both this AFFECT 2022 Appropriations FAC and the subsequent AFFECT BIL FAC, once it has been issued.

Updated information on this funding opportunity will be posted on FEMP's website as it becomes available.

[Apply to the AFFECT 2022 Appropriations FAC.](#)

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## Biden-Harris Administration Announces Steps to Electrify and Cut Emissions from Federal Buildings

On December 7, the Biden-Harris Administration, through DOE, [announced a new proposed rule](#) to electrify and cut emissions from new or newly renovated federal buildings. Beginning in 2025, these facilities will be required to reduce their on-site emissions associated with the energy consumption of the building by 90% relative to 2003 levels. In 2030, the standard will fully decarbonize the on-site emissions in new federal buildings and major renovations. These measures will help advance the adoption of cleaner technologies for buildings that are necessary to achieving President Biden's goal of net-zero emissions in all federal buildings by 2045.

Buildings are a major source of greenhouse gas emissions in the U.S., and fossil fuels used in federal buildings account for over 25% of all federal emissions. If enacted within the proposed timeframe, DOE estimates that the new emission reductions requirements would save taxpayers \$8 million annually in upfront equipment costs. Over the next 30 years, the new rule would reduce carbon emissions from federal buildings by 1.86 million metric tons and methane emissions by 22.8 thousand tons—an amount roughly equivalent to the emissions generated by nearly 300,000 homes in one year.

In the coming weeks, DOE will solicit comment on the new rule from all entities that may be affected. On January 5, 2023, DOE will host a webinar on the scope of the rule and the proposed implementation timeline. [Learn more about the Appliance and Equipment](#)

[Standards Program](#) and DOE's efforts to implement minimum energy conservation standards that reduce waste and provide Americans utility bill and cost savings.

[Read the supplemental notice of proposed rulemaking.](#)

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## Federal Building Performance Standard Announced

On December 7, 2022, the Biden-Harris Administration announced the first-ever [Federal Building Performance Standard](#). The *Federal Building Performance Standard (Federal BPS)* requires agencies to cut energy use and electrify equipment and appliances to achieve zero scope 1 emissions in 30% of the building space owned by the federal government by square footage by 2030. Energy used in federal buildings for space heating, water heating, cooking, and other needs account for over 25% of federal emissions. Agencies can meet the Federal BPS through efficient electrification of equipment and appliances. The standard aligns with other building-related goals such as reducing energy use, implementing deep energy retrofits and leveraging performance contracting. [Read the Federal Building Performance Standard](#).

### Informational Webinar

The White House Council on Environmental Quality (CEQ) is hosting an overview webinar on **January 11 from 1 to 2 p.m. ET**. CEQ will review the policy requirements and provide opportunities for Q&A.

[Register for the webinar.](#)

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## FEMP Focus

### DOE National Laboratories Gather for the Smart Labs for National Labs Workshop

Over one and a half days, 35 attendees from seven DOE National Laboratories met at Lawrence Berkeley National Laboratory (LBNL) in Berkeley, California for the Smart Labs for National Labs workshop. This group, Smart Labs for National Labs, meets virtually every quarter and came together in person this past September to network, tour, and learn about the application of Smart Labs principles. For more information about



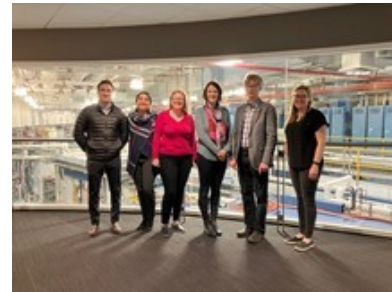
joining the Smart Labs for National Labs Group or the newly formed Federal Laboratory Working Group, contact [Jeff Murrell](#) or [Rachel Romero](#).

*Photo credit: Rachel Romero, NREL*

[Visit the Smart Labs Toolkit to learn more.](#)

## FEMP and PNNL Assess Risk at Argonne National Laboratory

The FEMP Resilience team and the Pacific Northwest National Laboratory (PNNL) visited Argonne National Laboratory (ANL) to go over the lab's efforts and experience completing a [Technical Resilience Navigator .TRN](#) site assessment. ANL completed their TRN assessment with the help of FEMP and PNNL's technical assistance. The group met with site leadership to discuss lessons learned and ways to improve the TRN process and experience. FEMP and PNNL were lucky enough to get a tour of Argonne's facilities including the Materials Design Lab, Smart Energy Plaza, Advanced Photon Source. If you are interested in technical assistance for resilience planning please reach out to [Ethan Epstein](#).



[Learn more about resilience planning and implementation.](#)

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## Tools & Resources

### Yellowstone National Park Releases EVSE Site Assessment Results

To supplement the [Yellowstone National Park fleet electrification success story](#), the FEMP Fleet Team has published a presentation summarizing the results of the electric vehicle supply equipment (EVSE) site assessment performed earlier this year. The presentation goes beyond the highlights in the success story and serves as a guide for how to structure an EVSE assessment at a vast site with many parking areas. The appendix of the presentation also provides details on several important issues facing fleet managers, including proper storage of EVs in cold weather, measuring and reporting electricity use in EVs, and recouping charging costs for privately-owned vehicles.



[View the presentation.](#)

# New FEMP Trainings

## FedFleet 2023

All the great training sessions you love from FedFleet are back in person! Register and attend to learn about federal fleet electrification, fleet management, and much more.

### FedFleet 2023

**January 24-26, 2023** | [View Agenda](#) | [Register](#)

**Location:** Walter E. Washington Convention Center, 801 Mount Vernon Place, NW, Washington, D.C., 20001

There will be nine sessions dedicated specifically to ZEVs and charging stations, three or more sessions dedicated to fleet data, sessions geared towards helping you to meet E.O. 14057 requirements, and sessions on data. There will also be tours of the showroom floor.

**ZEV- and EVSE-Specific sessions** include ZEV and EVSE Offerings, ZEV and EVSE Operations Basics, Panel: Future of ZEVs and EVSE, Ask Us Anything: ZEV Edition, Charging Management and Charging as a Service, EVSE Planning, Ask Us Anything: Contracting for EVSE, and more.

**Fleet Data sessions** include FAST Federal Fleet Data Reporting: What's New and What's Coming?; E.O. 14057 and Fleet Telematics: Meeting the Mandate with Data Driven Decisions; and Ask Us Anything: Federal Vehicle Fleet Data Reporting.

### Pre-conference Event: New Fleet Manager Workshop

**January 23, 2022** | 1–5 p.m. ET | [Register](#)

This FedFleet 2023 pre-conference workshop discusses everything you need to know to manage motor vehicle fleets in an informal environment geared toward learning and two-way conversations. This is your opportunity to learn about fleet policies, procedures, mandates, and to ask any question you have concerning the federal fleet management process. Email [fedfleet@gsa.gov](mailto:fedfleet@gsa.gov) with questions.

## Utility Energy Service Contracts .UESC) Implementation Best Practices For Utilities

**2 Hours** | **0.3 CEUs** | **Intermediate**

This training focuses on the utility's role and responsibilities from the preliminary assessment through construction and post-acceptance performance. Dedicated and knowledgeable utility partners are critical to ensuring UESC projects result in energy and cost savings while also upgrading infrastructure, improving energy and water efficiency, and reducing carbon emissions.

## UESC New Utility Toolkit

**1 Hour | 0.2 CEUs | Introductory**

This training covers preliminary steps to assist utilities and their stakeholders when considering establishing a UESC program for federal customers and provides an overview of the FEMP Utility Toolkit.

## Utility Industry Basics For Federal Agency Carbon Pollution-Free Electricity (CFE) Procurement

**2 Hours | 0.3 CEUs | Introductory**

This course provides foundational information that will help agencies understand the fundamental characteristics of the utility industry in the United States. With this information and understanding, federal agencies will be better prepared to meet the 100% CFE goals by 2030 as outlined in E.O. 14057.

Visit the [FEMP Training Catalog](#) to view all available live and on-demand trainings.



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